

TECHNICAL DATA SHEET

SYN-TS[®] HD

FULL SYNTHETIC HEAVY DUTY AUTOMATIC TRANSMISSION FLUID



DESCRIPTION

SYN-TS[®] HD is a technically advanced, next generation fluid for on-highway Allison transmission offering enhanced protection and extended drain intervals.

Approved against the latest Allison TES 668 specification and backwards compatible with earlier on-highway transmission fluids, SYN-TS[®] HD offers extended drain capabilities whilst maintaining enhanced equipment reliability.

SUMMARY OF BENEFITS

- Approved against Allison TES 668 and backwards compatible with Allison TES 295 fluid requirements and backed by an Allison factory warranty
- Next generation on-highway transmission fluid with long drain capability
- Full Synthetic formulation offering long service life and transmission reliability
- Anti-wear performance beyond the reference fluid
- Excellent clutch friction durability ensuring consistent shift across all operating conditions
- Excellent thermal and oxidative stability offers enhanced transmission cleanliness and reliability

SPECIFICATIONS

- ALLISON TES 668 (APPROVAL 668-10332023)
- ALLISON TES 295 COMPATIBLE



SUITABLE FOR



SYN-TS [®] HD	TEST METHOD	UNITS	RESULTS
APPEARANCE	VISUAL	-	RED, MOBILE FLUID
DENSITY @ 15°C	ASTM D1298	kg/L	0.85
KINEMATIC VISCOSITY @ 40°C	ASTM D445	cSt	34.3
@ 100°C	ASTM D445	cSt	6.9
VISCOSITY INDEX	ASTM D2270	-	166
BROOKFIELD VISCOSITY @ -40°C	ASTM D2983	mPa.s	11,700
POUR POINT	ASTM D97	°C	-51
FLASH POINT (COC)	ASTM D92	°C	210
TOTAL BASE NUMBER (TBN)	ASTM D2896	Mg KOH/g	4.7

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute any legal liability.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

205LT - #300348, 20LT - #320348

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